

SEQUENCE LISTING

<110> Goodearl, Andrew
Glucksmann, Alexandra M.

<120> OCT1P, A PROTEIN HAVING HOMOLOGY TO THE ORGANIC AND SUGAR
TRANSPORTER FAMILY OF PROTEINS, AND USES THEREOF

<130> 07334/130001

<140> US 09/342,959
<141> 1999-06-29

<150> US 09/107,932
<151> 1998-06-30

<160> 20

<170> FastSEQ for Windows Version 3.0

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Thr Asp Asp Thr Phe Met Val Glu Asp Ala Val Glu Ala Ile Gly Phe	
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Thr Leu Tyr Tyr Gly Ile Leu Ser Ala Phe Ala Pro Val Tyr Ser Trp	
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Lys Cys Ile Leu Leu Ile Glu Val Phe Trp Ala Ile Gly Thr Val Phe	
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Lys Met Arg Asp Leu Phe Thr Pro His Phe Arg Trp Thr Thr Leu Leu	
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Time	Location	Depth	Temperature	Salinity	Density	Current	Wave	Wind	Pressure	Humidity	Cloud	Visibility	State
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0100	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0200	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0300	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0400	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0500	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0600	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0700	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0800	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
0900	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1000	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1100	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1200	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1300	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1400	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1500	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1600	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1700	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1800	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
1900	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
2000	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
2100	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
2200	00°N 100°E	1000	28.5	35.0	1.025	0.0	0.0	0.0	1010	95	0.0	10.0	Clear
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Glu 50	Leu	Asp	Asp	Gly	Ala 55	Ala	Val	Pro	Lys	Glu	Phe 60	Ala	Asn	Pro	Thr
Asp 65	Asp	Thr	Phe	Met	Val 70	Glu	Asp	Ala	Val	Glu 75	Ala	Ile	Gly	Phe	Gly 80
Lys	Phe	Gln	Trp	Lys 85	Leu	Ser	Val	Leu	Thr 90	Gly	Leu	Ala	Trp	Met 95	Ala
Asp	Ala	Met	Glu 100	Met	Met	Ile	Leu	Ser 105	Ile	Leu	Ala	Pro	Gln 110	Leu	His
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Leu	Tyr	Tyr	Gly	Ile 165	Leu	Ser	Ala	Phe	Ala 170	Pro	Val	Tyr	Ser	Trp 175	Ile
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Ser	Val	Thr 195	Leu	Tyr	Ala	Glu	Phe 200	Leu	Pro	Met	Lys	Ala 205	Arg	Ala	Lys
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Leu	Ile	Leu	Ser	Ala 245	Val	Pro	Leu	Leu	Leu 250	Phe	Ala	Val	Leu	Cys 255	Phe
Trp	Leu	Pro	Glu 260	Ser	Ala	Arg	Tyr	Asp 265	Val	Leu	Ser	Gly	Asn 270	Gln	Glu
Lys	Ala	Ile 275	Ala	Thr	Leu	Lys	Arg 280	Ile	Ala	Thr	Glu	Asn 285	Gly	Ala	Pro
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Met 305	Arg	Asp	Leu	Phe	Thr 310	Pro	His	Phe	Arg	Trp 315	Thr	Thr	Leu	Leu	Leu 320
Trp	Phe	Ile	Trp	Phe 325	Ser	Asn	Ala	Phe	Ser 330	Tyr	Tyr	Gly	Leu 335	Val	Leu
Leu	Thr	Thr	Glu 340	Leu	Phe	Gln	Ala	Gly 345	Asp	Val	Cys	Gly	Ile 350	Ser	Ser
Arg	Lys	Lys 355	Ala	Val	Glu	Ala	Lys 360	Cys	Ser	Leu	Ala	Cys 365	Glu	Tyr	Leu
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 Lys Thr Met Ala Leu Cys Phe Val Ile Phe Ser Phe Cys Ser Leu Leu
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 Ala Arg Ala Phe Ile Ser Gly Gly Phe Gln Ala Ala Tyr Val Tyr Thr
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 Val Met Leu Glu Ser Ser Val Tyr Leu Thr Leu Ala Val Tyr Ser Gly
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 Cys Cys Leu Leu Ala Ala Leu Ala Ser Cys Phe Leu Pro Ile Glu Thr
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Phe	Gly	Met ₃₅	Met	His	Tyr	Asp	Trp ₄₀	Thr	Tyr	Tyr	Leu	Ser ₄₅	Thr	Met	Arg
Trp ₅₀	Gly	Leu	Ile	Val	Ser	Ile ₅₅	Phe	Asn	Ile	Gly	Cys ₆₀	Met	Ile	Gly	Ser
Ile ₆₅	Phe	Phe	Gly	Trp ₇₀	Ile	Gly	Asp	Met	Tyr	Gly ₇₅	Arg	Arg	Met	Ser	Met ₈₀
Met	Met	Val	Asn ₈₅	Val	Ile	Phe	Ile	Ile	Gly ₉₀	Ile	Ile	Ile	Met	Ile ₉₅	Phe
Ser	Ile	Asn ₁₀₀	Tyr	Ser	Trp	Trp	Met	Tyr ₁₀₅	Ile	Ile	Gly	Arg	Ile ₁₁₀	Ile	Met
Gly	Ile	Gly ₁₁₅	Val	Gly	Gly	Ile	Ser ₁₂₀	Val	Leu	Val	Pro	Met ₁₂₅	Tyr	Ile	Ser
Glu	Ile	Ala ₁₃₀	Pro	Lys	His	Leu ₁₃₅	Arg	Gly	Thr	Met	Val ₁₄₀	Ser	Trp	Tyr	Gln

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